

# INTERNATIONAL SEARCH REPORT

PCT/IB 03/01267

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H03F3/45

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H03F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 3 938 055 A (BUHLER FREDERICK T) 10 February 1976 (1976-02-10) column 1, line 52 -column 4, line 20; figures 1-3	1, 3, 5
Y	BUHLER O R: "DIFFERENTIAL AMPLIFIER" IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 13, no. 12, May 1971 (1971-05), page 3717 XP001130668 ISSN: 0018-8689 the whole document	1, 3, 5
A	WO 01 26216 A (KONINKL PHILIPS ELECTRONICS NV) 31 October 2001 (2001-10-31) cited in the application abstract; figure 1	1, 2, 5

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

7 July 2003

Date of mailing of the international search report

16/07/2003

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Tyberghien, G

BEST AVAILABLE COPY

# INTERNATIONAL SEARCH REPORT

PCT/IB 03/01267

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3938055	A	10-02-1976	CA 1029818 A1	18-04-1978
WO 0126216	A	12-04-2001	WO 0126216 A1	12-04-2001
			EP 1149466 A1	31-10-2001
			US 6496069 B1	17-12-2002

Form PCT/ISA/210 (patent family annex) (July 1992)

BEST AVAILABLE COPY